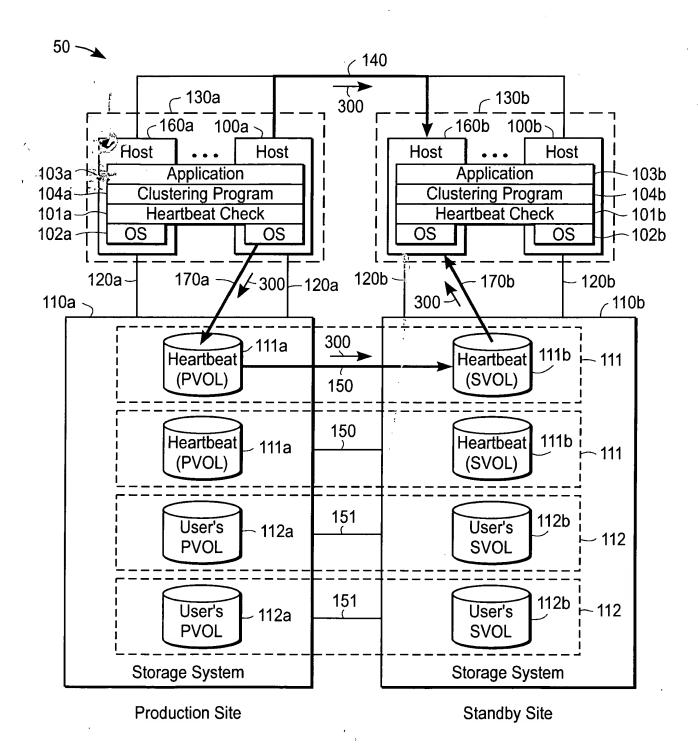
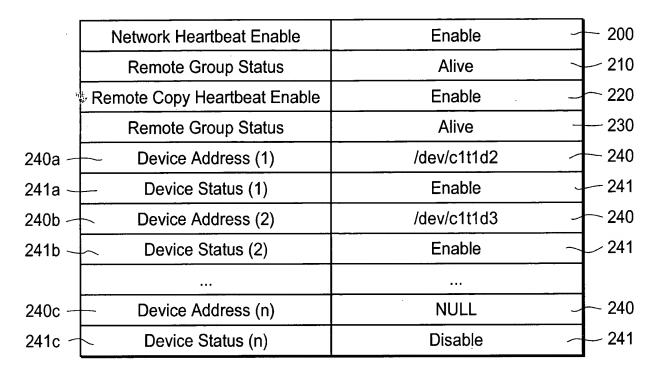
Failure Notification Method and System Using Remote
Mirroring for Clustering Systems
Inventor: Kenji Yamagami
Serial No.: 09/760,345



System Configuration FIG. 1

## Failure Notification Method and System U Mirroring for Clustering System Inventor: Kenji Yamagami Serial No.: 09/760,345

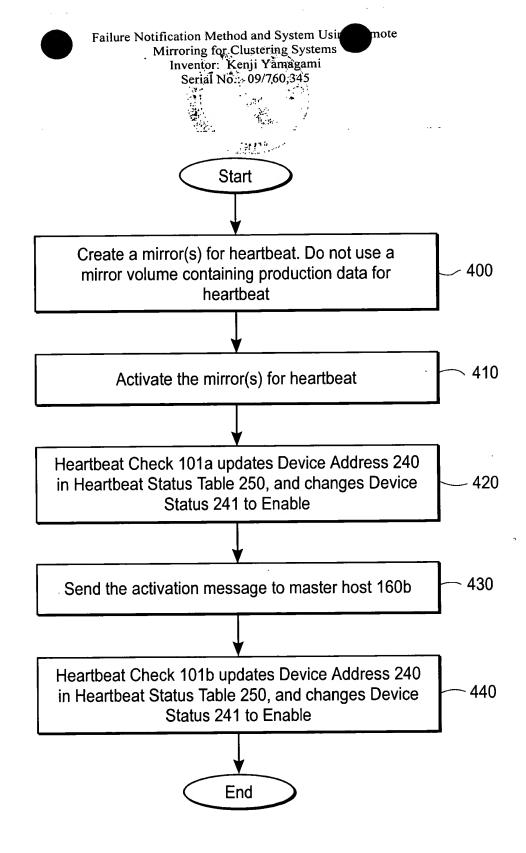


Heartbeat Status Table 250 FIG. 2

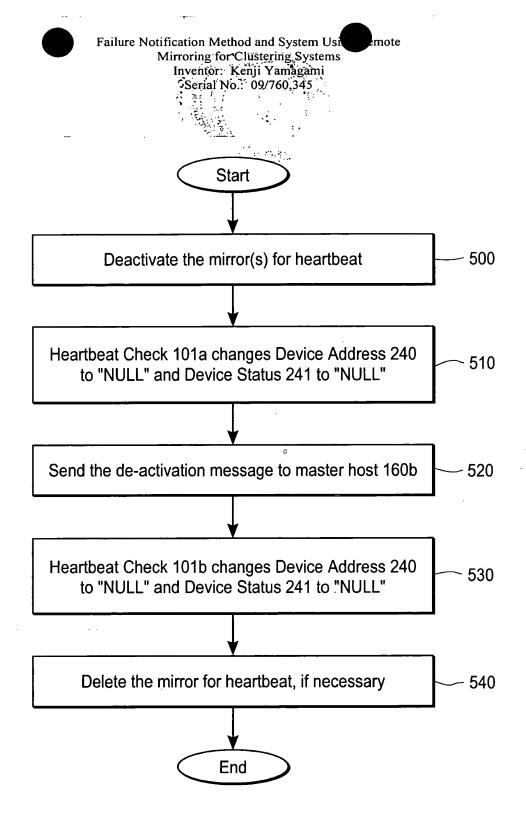
Serial Number	421014 -	310
Time	18:31	320
Identifier	400104	330

Heartbeat Message 300

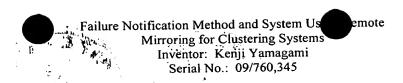
FIG. 3

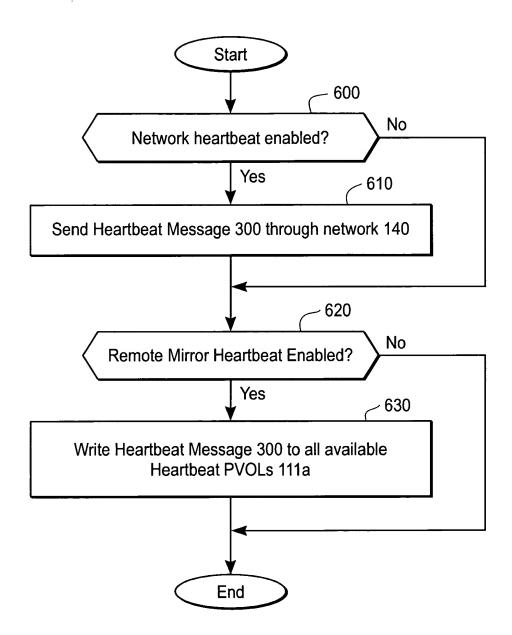


Installing Mirror Volumes for Heartbeat FIG. 4

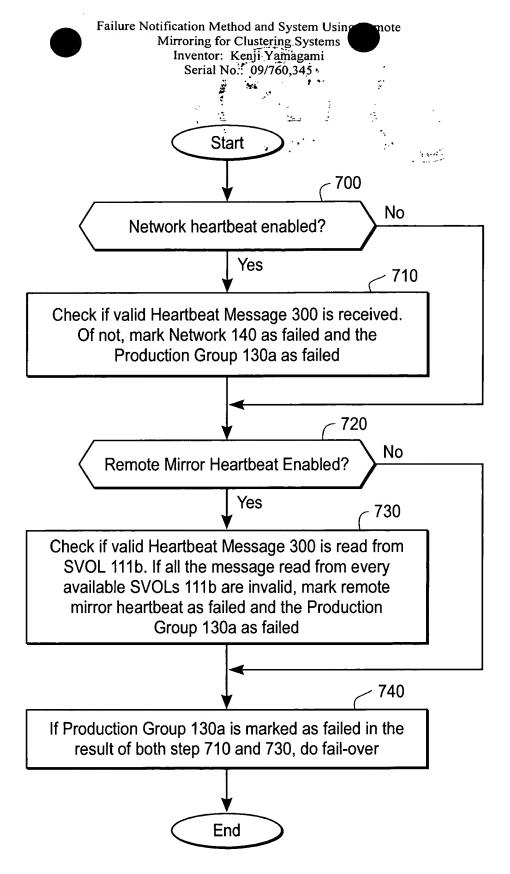


De-installing Mirror Volumes for Heartbeat FIG. 5





Sending Heartbeat Message (Heartbeat Check 101a) FIG. 6



Receiving Heartbeat Message (Heartbeat Check 101b) FIG. 7

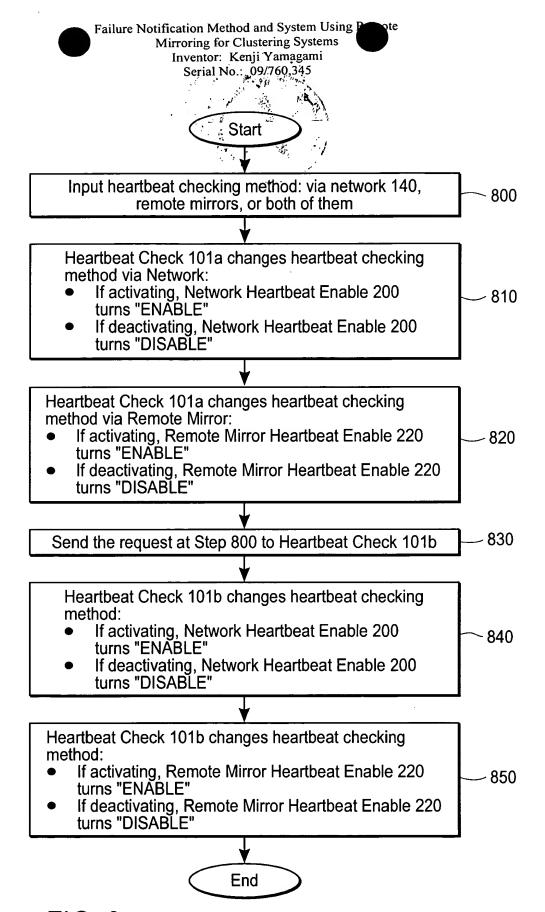
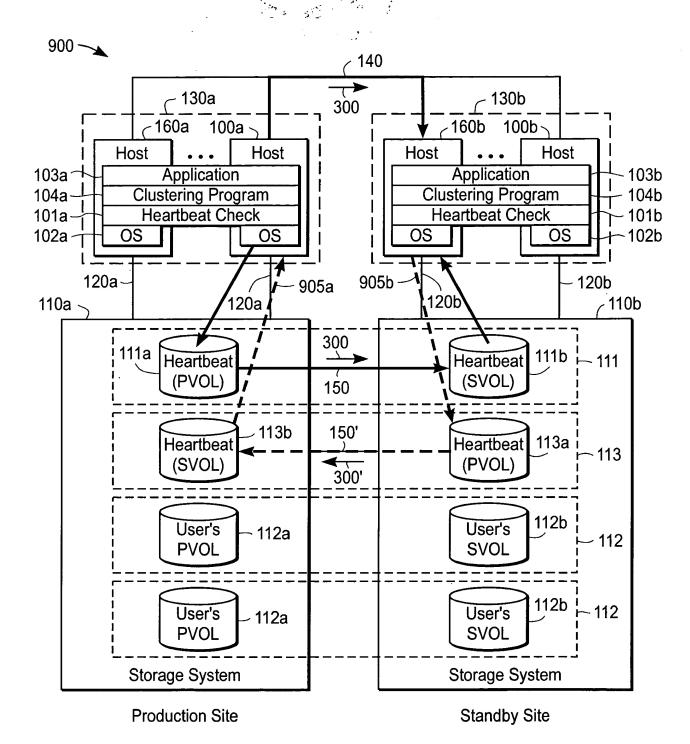


FIG. 8 Setting a Heartbeat Checking Method



System Configuration FIG. 9

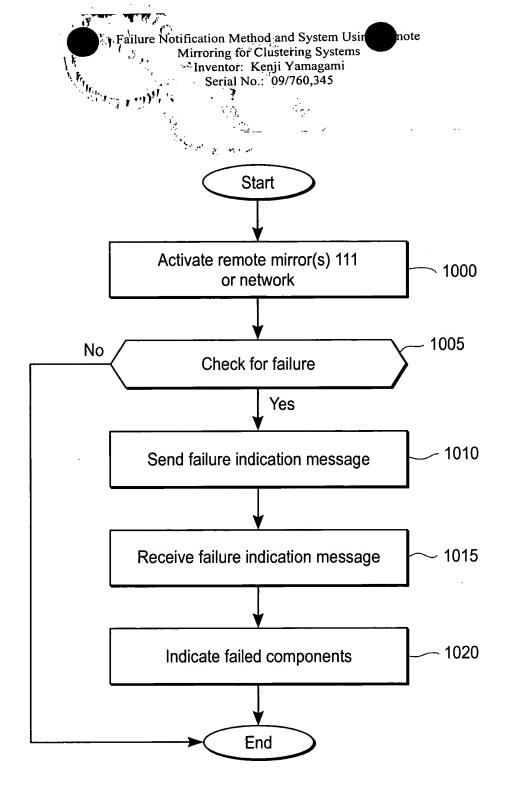


FIG. 10

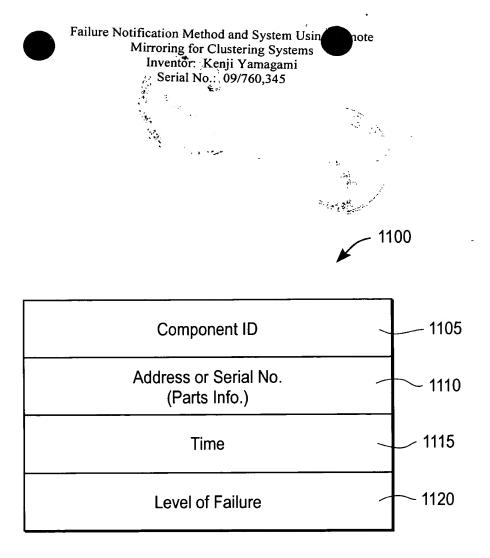


FIG. 11